

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
 Data File : BG053536.D
 Acq On : 13 May 2022 10:21
 Operator : CG/JU
 Sample : PB144757BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144757BL

Quant Time: May 14 03:12:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

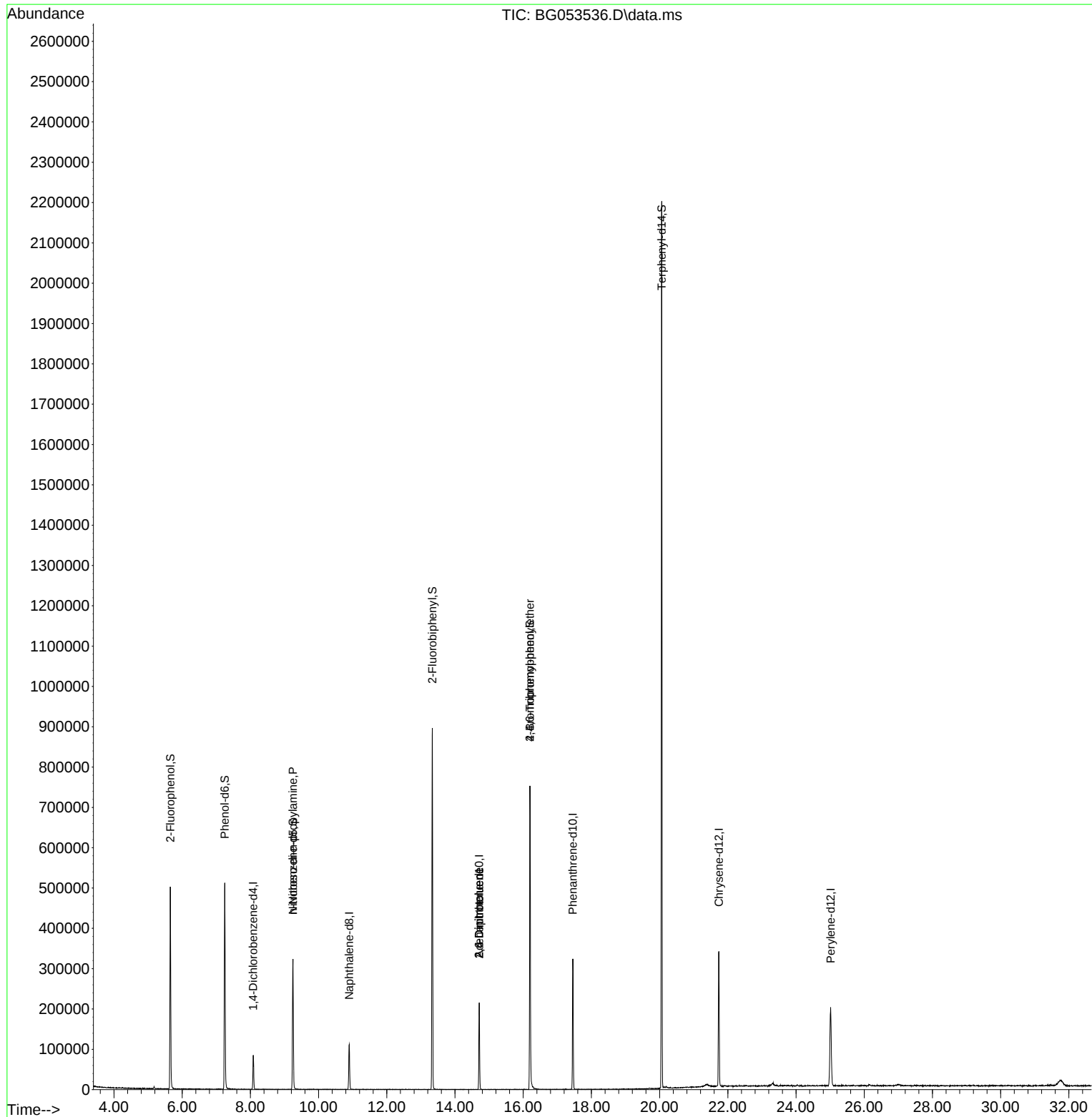
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	23530	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	96076	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	79112	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	213816	20.000	ng	0.00
76) Chrysene-d12	21.737	240	227298	20.000	ng	0.00
86) Perylene-d12	25.015	264	225659	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	201379	145.247	ng	0.00
7) Phenol-d6	7.250	99	294599	140.008	ng	0.00
23) Nitrobenzene-d5	9.248	82	205361	90.989	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	163510	140.134	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	490931	90.680	ng	0.00
79) Terphenyl-d14	20.062	244	1142272	93.597	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.248	70	28815	19.086	ng	# 82
51) 2,6-Dinitrotoluene	14.711	165	10064	8.217	ng	# 18
57) 2,4-Dinitrotoluene	14.711	165	10064	5.669	ng	# 23
67) 4-Bromophenyl-phenylether	16.197	248	10292	4.122	ng	# 1

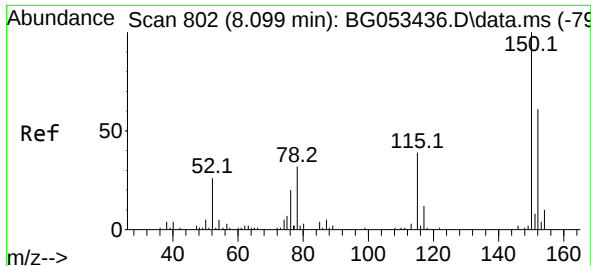
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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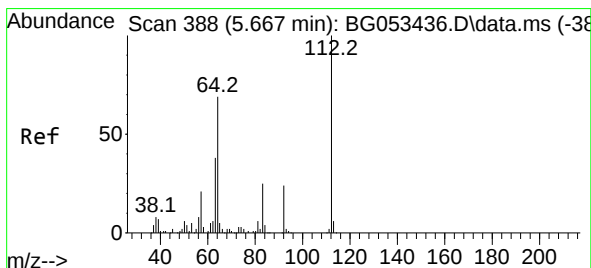
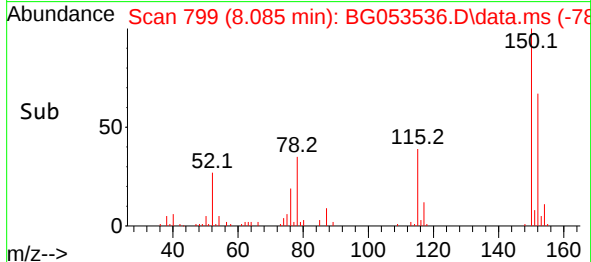
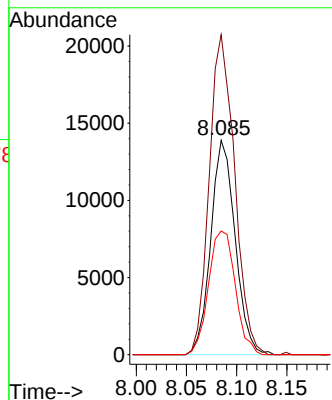
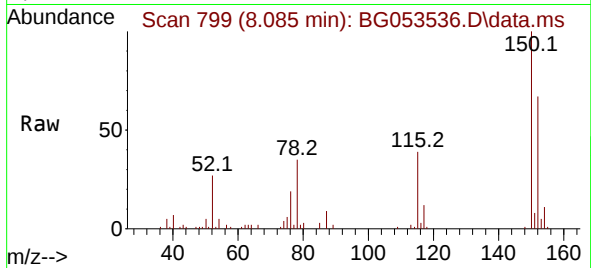




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.085 min Scan# 79
Delta R.T. -0.004 min
Lab File: BG053536.D
Acq: 13 May 2022 10:21

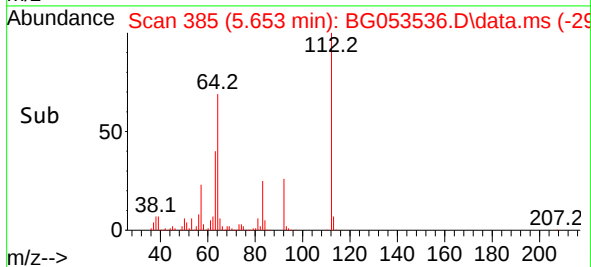
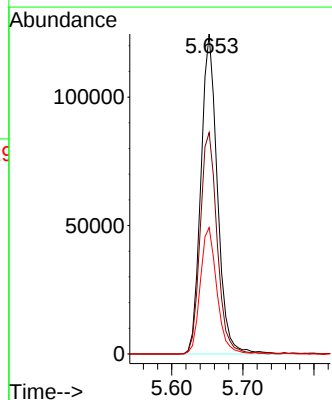
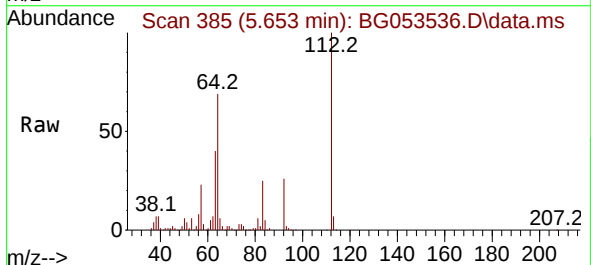
Instrument :
BNA_G
ClientSampleId :
PB144757BL

Tgt Ion:152 Resp: 23530
Ion Ratio Lower Upper
152 100
150 149.3 131.6 197.4
115 57.7 50.9 76.3



#5
2-Fluorophenol
Concen: 145.247 ng
RT: 5.653 min Scan# 385
Delta R.T. 0.001 min
Lab File: BG053536.D
Acq: 13 May 2022 10:21

Tgt Ion:112 Resp: 201379
Ion Ratio Lower Upper
112 100
64 69.2 55.1 82.7
63 39.5 30.4 45.6

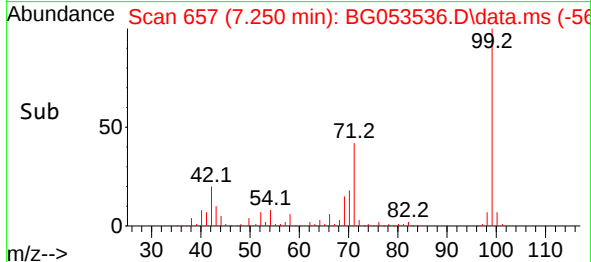
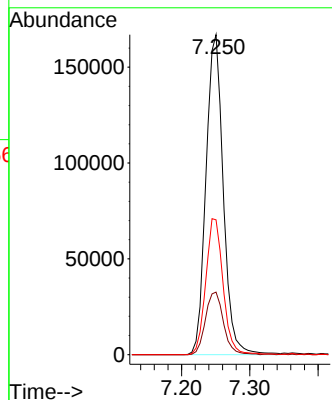
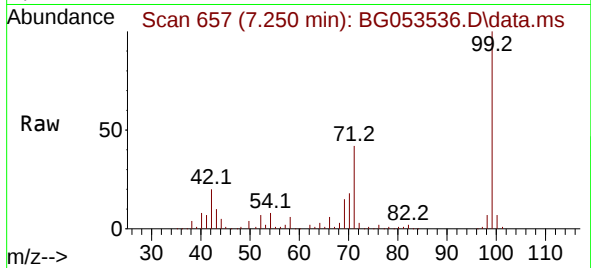




#7
Phenol-d6
Concen: 140.008 ng
RT: 7.250 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG053536.D
Acq: 13 May 2022 10:21

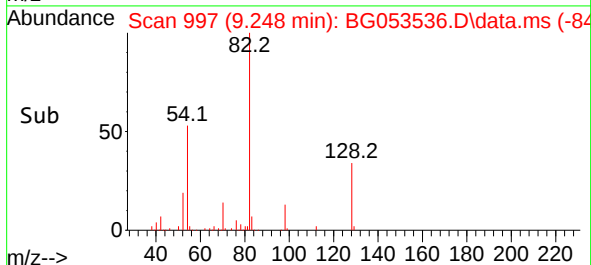
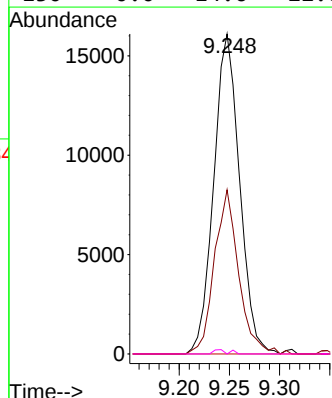
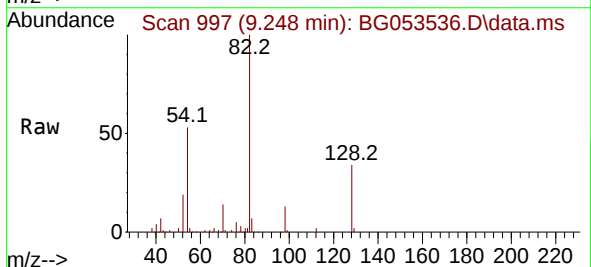
Instrument :
BNA_G
ClientSampleId :
PB144757BL

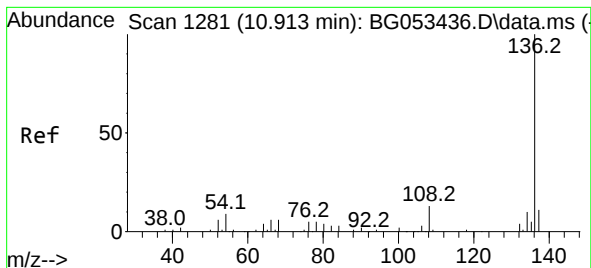
Tgt Ion: 99 Resp: 294599
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 42.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.086 ng
RT: 9.248 min Scan# 997
Delta R.T. 0.359 min
Lab File: BG053536.D
Acq: 13 May 2022 10:21

Tgt Ion: 70 Resp: 28815
Ion Ratio Lower Upper
70 100
42 51.3 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.898 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG053536.D

Acq: 13 May 2022 10:21

Instrument :

BNA_G

ClientSampleId :

PB144757BL

Tgt Ion:136 Resp: 96076

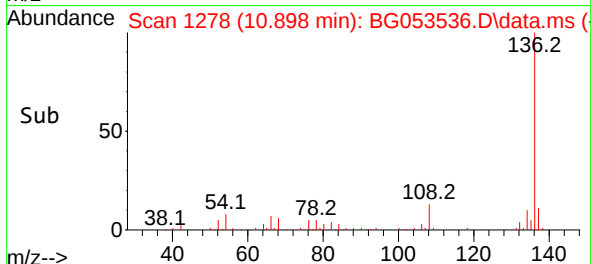
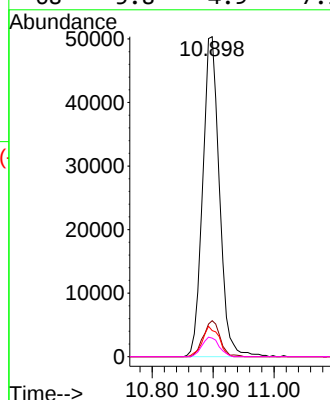
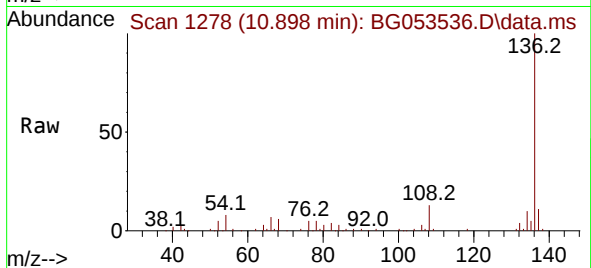
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 8.1 7.4 11.2

68 5.8 4.9 7.3



#23

Nitrobenzene-d5

Concen: 90.989 ng

RT: 9.248 min Scan# 997

Delta R.T. -0.005 min

Lab File: BG053536.D

Acq: 13 May 2022 10:21

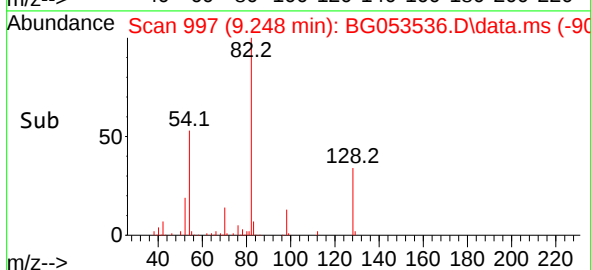
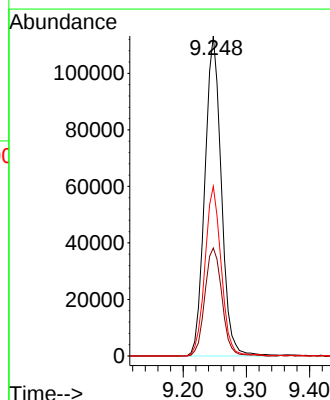
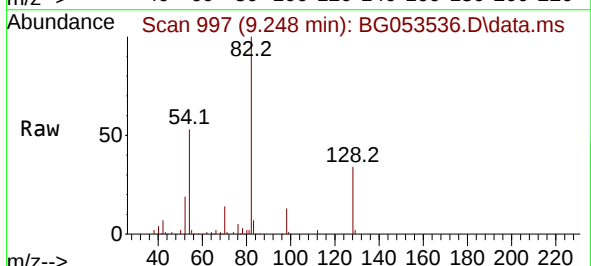
Tgt Ion: 82 Resp: 205361

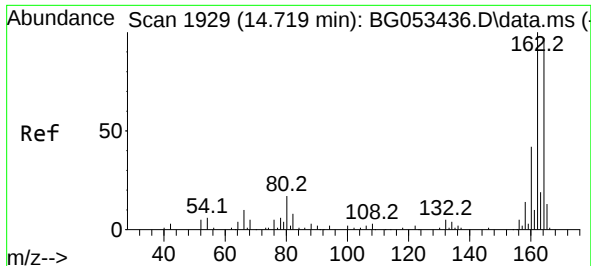
Ion Ratio Lower Upper

82 100

128 33.8 27.9 41.9

54 53.0 41.2 61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.711 min Scan# 1929

Delta R.T. -0.005 min

Lab File: BG053536.D

Acq: 13 May 2022 10:21

Instrument :

BNA_G

ClientSampleId :

PB144757BL

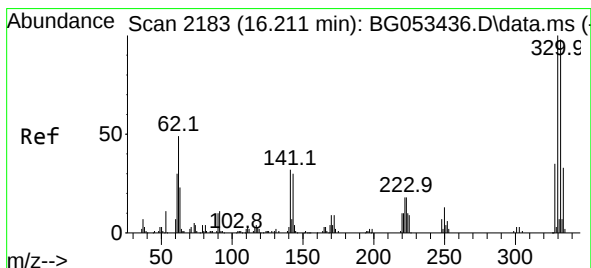
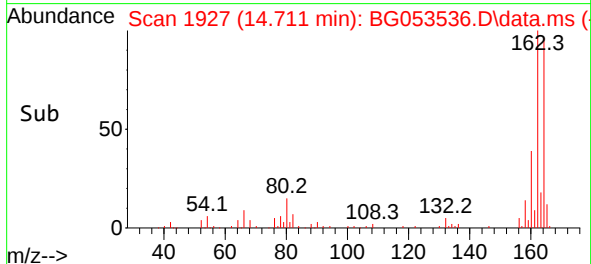
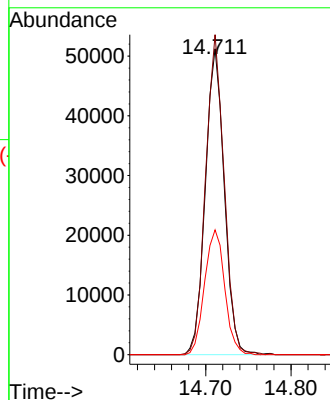
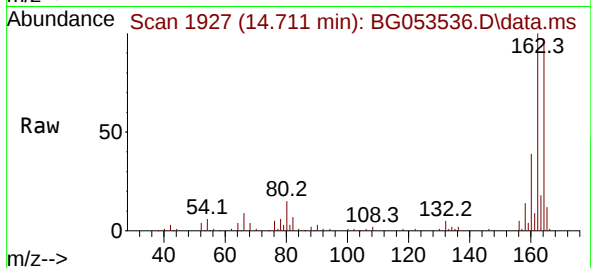
Tgt Ion:164 Resp: 79112

Ion Ratio Lower Upper

164 100

162 104.6 82.3 123.5

160 40.8 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 140.134 ng

RT: 16.197 min Scan# 2180

Delta R.T. -0.005 min

Lab File: BG053536.D

Acq: 13 May 2022 10:21

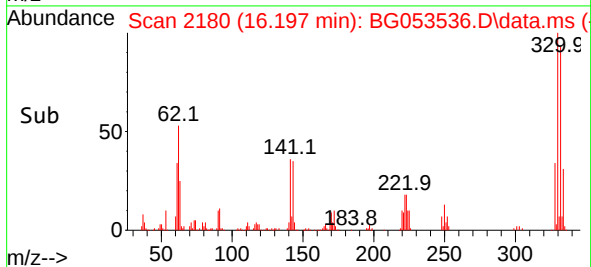
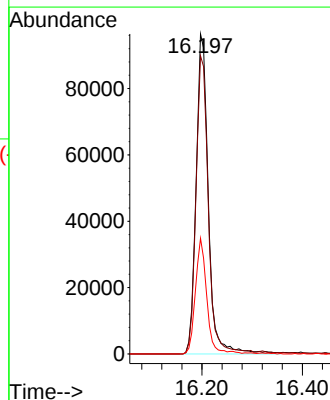
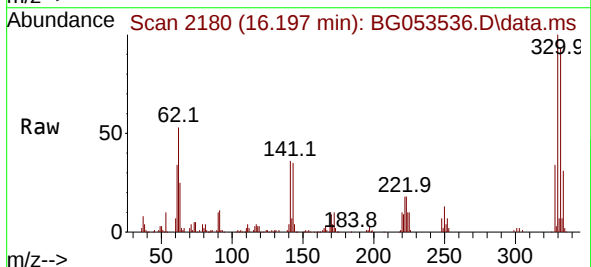
Tgt Ion:330 Resp: 163510

Ion Ratio Lower Upper

330 100

332 93.5 76.0 114.0

141 33.4 27.1 40.7

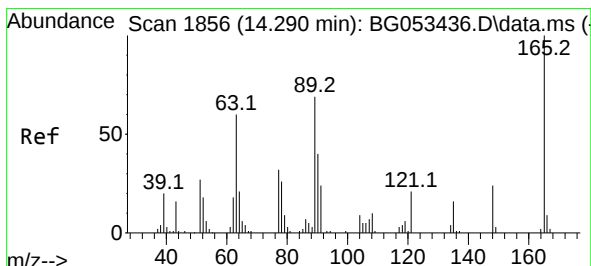
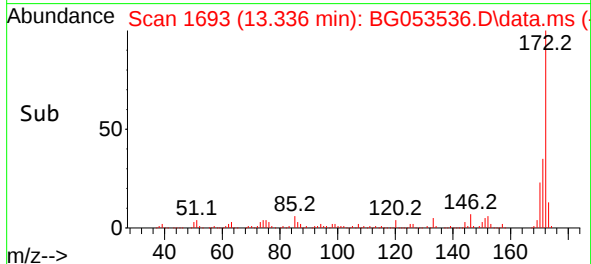
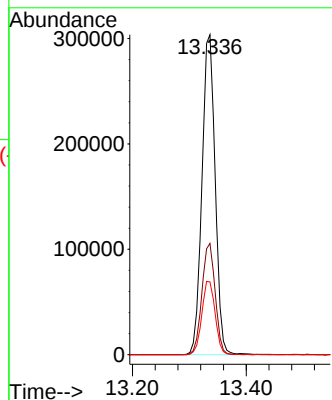
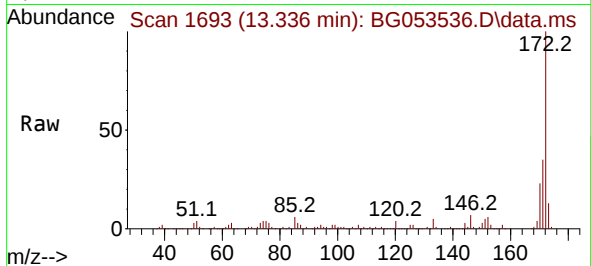




#45
2-Fluorobiphenyl
Concen: 90.680 ng
RT: 13.336 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG053536.D
Acq: 13 May 2022 10:21

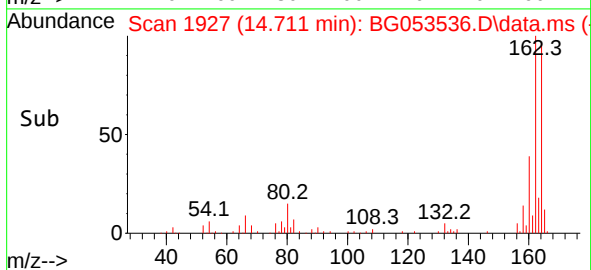
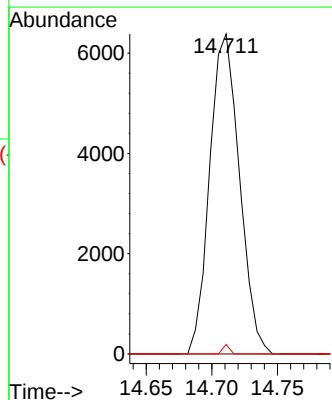
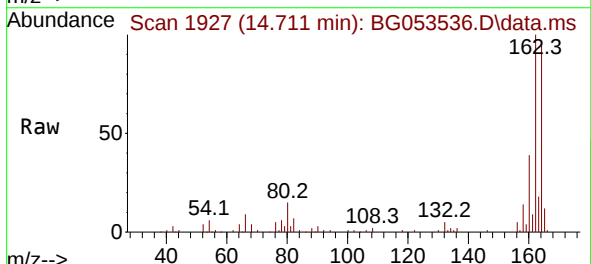
Instrument :
BNA_G
ClientSampleId :
PB144757BL

Tgt Ion:172 Resp: 490931
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.8 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.217 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.430 min
Lab File: BG053536.D
Acq: 13 May 2022 10:21

Tgt Ion:165 Resp: 10064
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 2.9 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.669 ng

RT: 14.711 min Scan# 1991

Delta R.T. -0.363 min

Lab File: BG053536.D

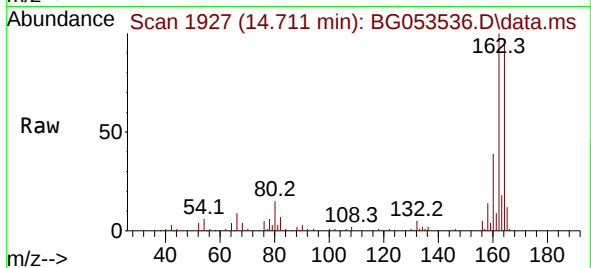
Acq: 13 May 2022 10:21

Instrument :

BNA_G

ClientSampleId :

PB144757BL



Tgt Ion:165 Resp: 10064

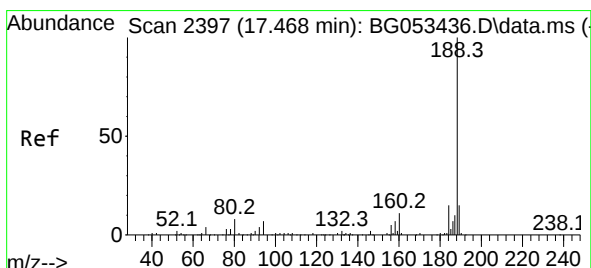
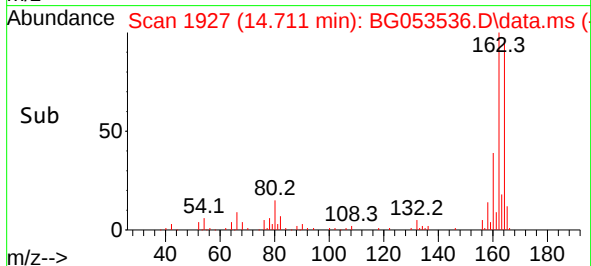
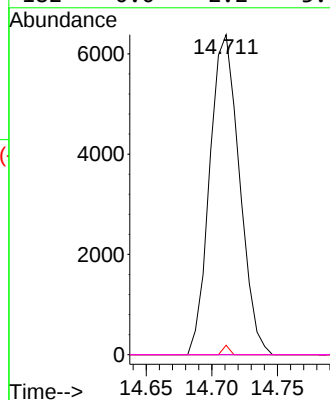
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 2.9 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.454 min Scan# 2394

Delta R.T. -0.005 min

Lab File: BG053536.D

Acq: 13 May 2022 10:21

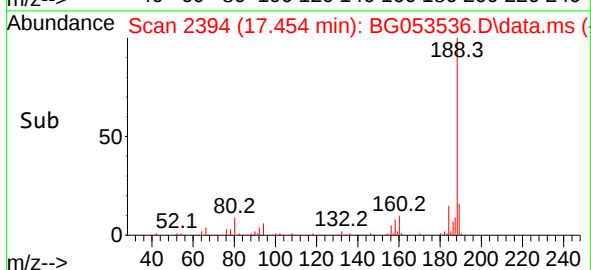
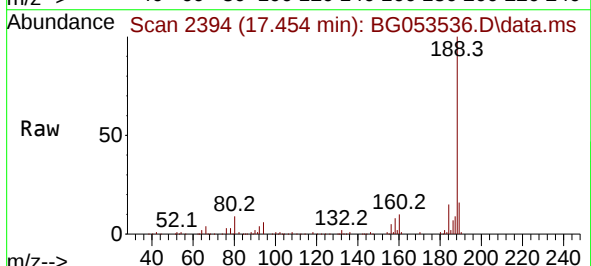
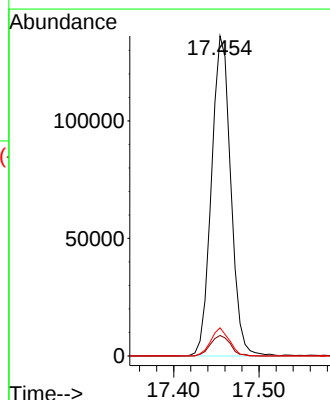
Tgt Ion:188 Resp: 213816

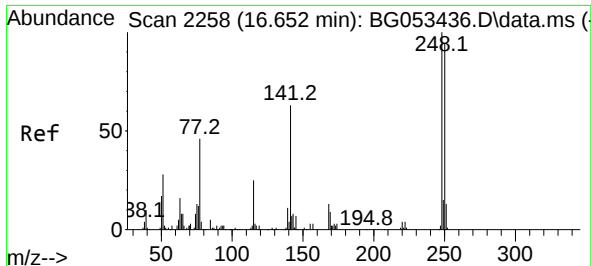
Ion Ratio Lower Upper

188 100

94 6.4 5.4 8.0

80 8.8 6.8 10.2

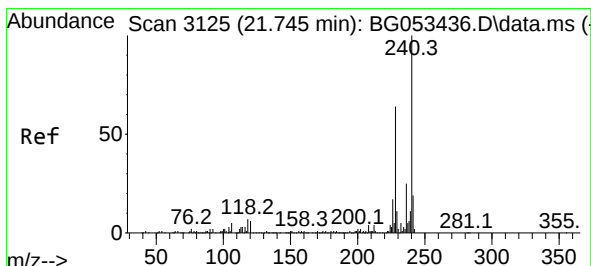
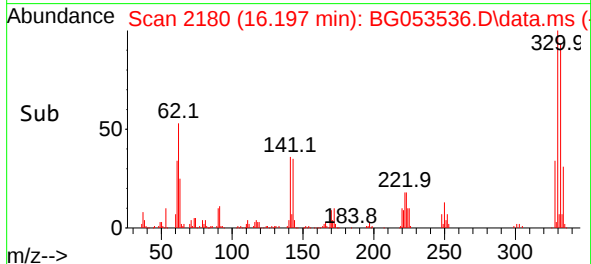
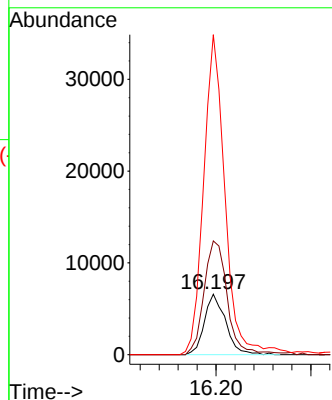
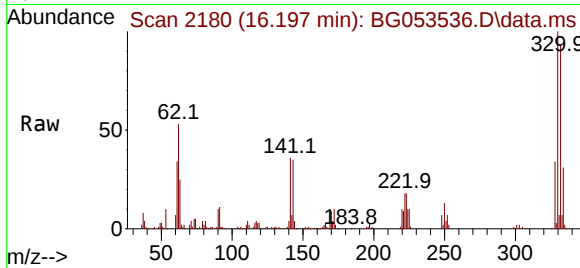




#67
4-Bromophenyl-phenylether
Concen: 4.122 ng
RT: 16.197 min Scan# 2118
Delta R.T. -0.445 min
Lab File: BG053536.D
Acq: 13 May 2022 10:21

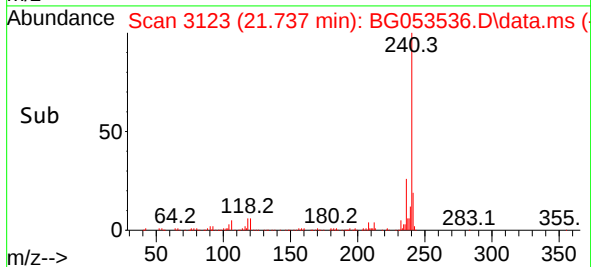
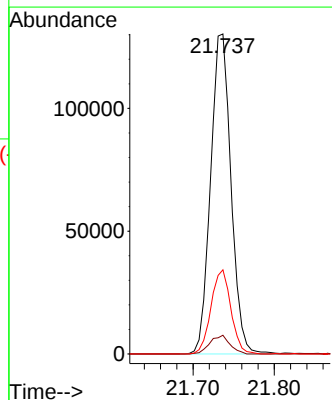
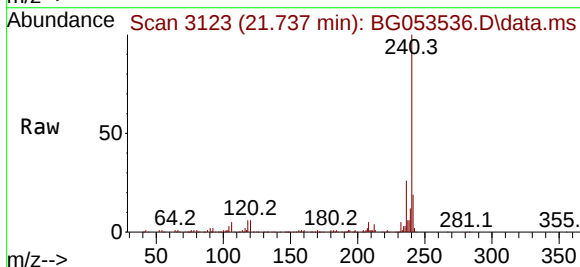
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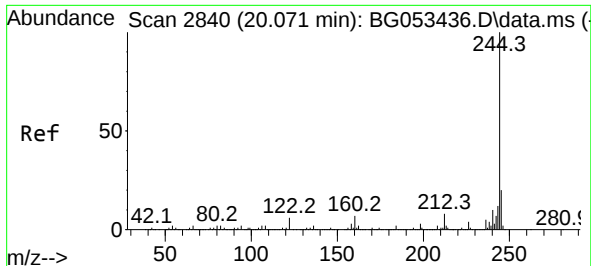
Tgt Ion:248 Resp: 10292
Ion Ratio Lower Upper
248 100
250 188.2 75.2 112.8#
141 529.7 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 3123
Delta R.T. -0.005 min
Lab File: BG053536.D
Acq: 13 May 2022 10:21

Tgt Ion:240 Resp: 227298
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 26.3 20.2 30.4

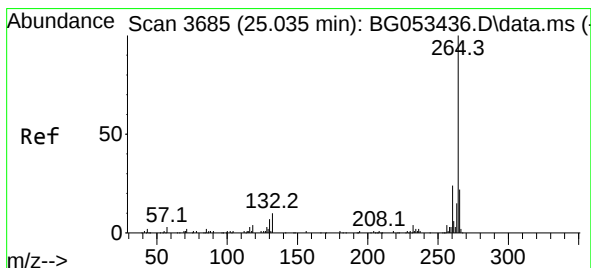
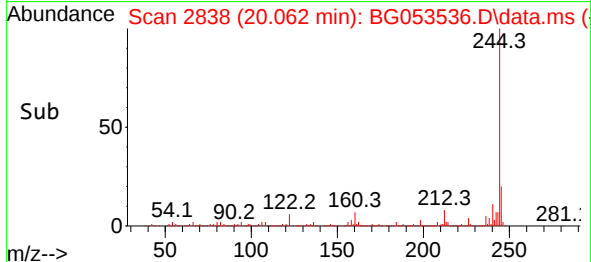
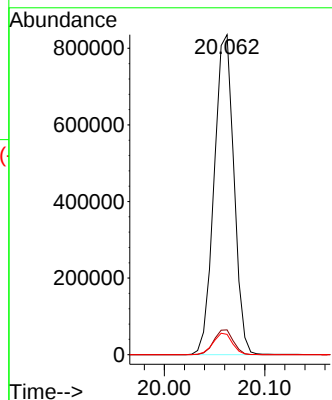
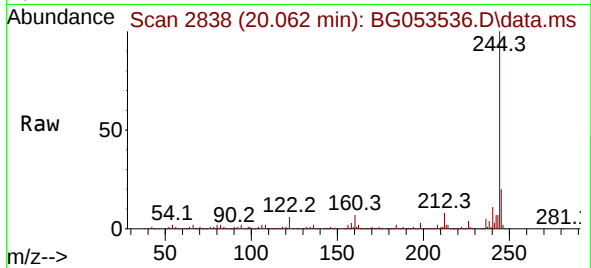




#79
 Terphenyl-d14
 Concen: 93.597 ng
 RT: 20.062 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053536.D
 Acq: 13 May 2022 10:21

Instrument :
 BNA_G
 ClientSampleId :
 PB144757BL

Tgt Ion:244 Resp: 1142272
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 6.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.015 min Scan# 3681
 Delta R.T. -0.005 min
 Lab File: BG053536.D
 Acq: 13 May 2022 10:21

Tgt Ion:264 Resp: 225659
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.0 28.6
 265 21.0 17.4 26.2

